

In the claims:

Rewrite the claims as follows:

CLAIMS

1. (Currently amended) A device for monitoring tool wear and/or breakage for a machine tool, having a command module and a control system for a tool drive motor, said device comprising, in a single module through which three supply phases for the motor pass fully, all the necessary components for electrical measurement of active power and/or active currents absorbed by the motor, and ~~integral~~, integrated with said components in said single module, means for digital monitoring of tool wear, absence and breakage simultaneously using the power, an integral of the power and a derivative of the power to detect any defect in any type of machining operation, by comparison with a reference curve established during a first machining operation performed by the tool.
2. (Previously presented) The device as claimed in claim 1, wherein in the single module, electrical measurements and the means for monitoring the tool wear and breakage are galvanically and/or electromagnetically isolated.
3. (Previously presented) The device as claimed in claim 1, wherein the control system for the tool drive motor and the module for electrical measurement and for monitoring of tool wear, absence and breakage are integrated into one and the same assembly.
4. (Previously presented) The device as claimed in claim 1, wherein the command module and the module for electrical measurement and for monitoring of tool wear, absence and breakage are integrated into one and the same assembly.
5. (Previously presented) The device as claimed in claim 1, wherein the command module, the control system for the tool drive motor and the module for electrical measurement and for monitoring of tool wear, absence and breakage are integrated into one and the same assembly.

6. (Previously presented) The device as claimed in claim 1, wherein said defect comprises at least one of: tool fracture, tool absence, poor workpiece positioning and machine defect.

7. (Previously presented) The device as claimed in claim 1, wherein said machining operation comprises at least one of: a machining operation with several tools on one and the same motor, and turning and usage on rough workpieces.

8. (New) The device as claimed in claim 1, wherein said components comprise a first part for acquisition of analog quantities of current and voltage, and a second part for amplification, shaping and digitization of said quantities, and wherein said first part and said second part are mutually galvanically isolated.

9. (New) The device as claimed in claim 1, wherein an electromagnetic screen is inserted between said components and said means for digital monitoring.

10. (New) The device as claimed in claim 9, wherein said means for digital monitoring comprises a microcontroller.